

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106347.D
 Acq On : 12 Jun 2018 16:27
 Operator : JU/SJ
 Sample : J3247-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:08:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162794	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	561353	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	225793	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	444439	20.00	ng	0.00
75) Chrysene-d12	14.17	240	442188	20.00	ng	0.00
86) Perylene-d12	15.71	264	322018	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	507651	52.78	ng	0.00
7) Phenol-d6	6.59	99	601848	49.53	ng	0.00
23) Nitrobenzene-d5	7.53	82	362828	38.02	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	120123	55.29	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	604256	38.16	ng	0.00
78) Terphenyl-d14	13.09	244	714650	40.14	ng	0.00

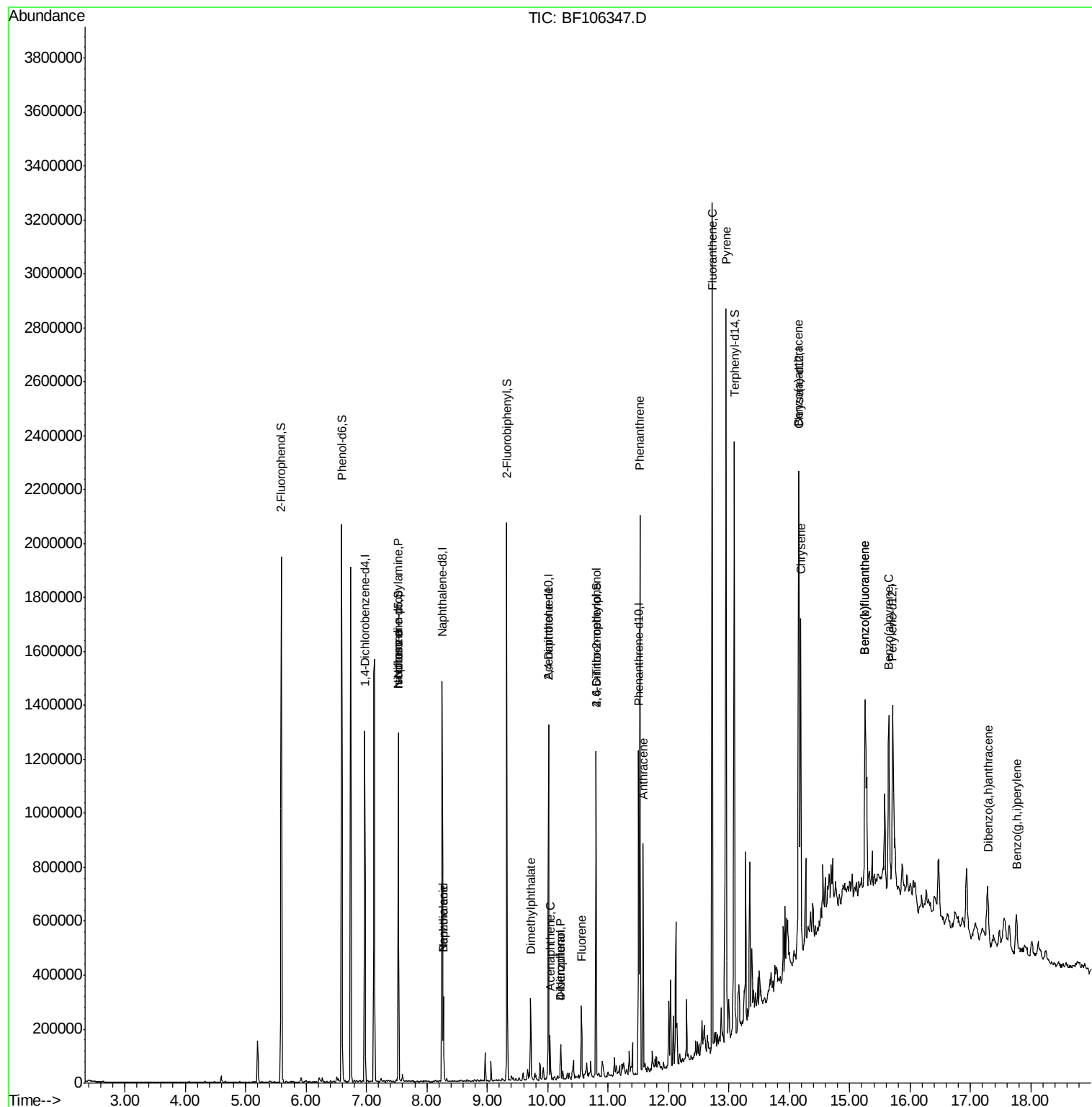
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	46876	5.142	ng	# 76
25) Isophorone	7.53	82	362818	19.466	ng	# 64
31) Naphthalene	8.28	128	118781	4.681	ng	98
32) Benzoic acid	8.27	122	293	7.332	ng	# 1
49) Dimethylphthalate	9.72	163	91331	5.662	ng	# 99
51) Acenaphthene	10.04	154	32751	2.367	ng	97
54) Dibenzofuran	10.22	168	43069	2.312	ng	96
55) 4-Nitrophenol	10.22	139	15748	5.253	ng	# 12
56) 2,4-Dinitrotoluene	10.01	165	29663	7.169	ng	# 23
57) Fluorene	10.56	166	65862	4.462	ng	100
64) 4,6-Dinitro-2-methylphenol	10.80	198	152	6.350	ng	# 1
70) Phenanthrene	11.53	178	693194	31.848	ng	98
71) Anthracene	11.58	178	299884	13.753	ng	100
74) Fluoranthene	12.72	202	1275684	54.958	ng	97
77) Pyrene	12.95	202	1117937	40.383	ng	97
80) Benzo(a)anthracene	14.15	228	595165	22.618	ng	98
82) Chrysene	14.19	228	468120	19.485	ng	98
87) Benzo(b)fluoranthene	15.25	252	617290	31.712	ng	96
88) Benzo(k)fluoranthene	15.25	252	617290	32.020	ng	97
89) Benzo(a)pyrene	15.65	252	325907	18.614	ng	97
90) Dibenz(a,h)anthracene	17.29	278	37879	2.595	ng	# 87
91) Benzo(g,h,i)perylene	17.76	276	150170	10.586	ng	91

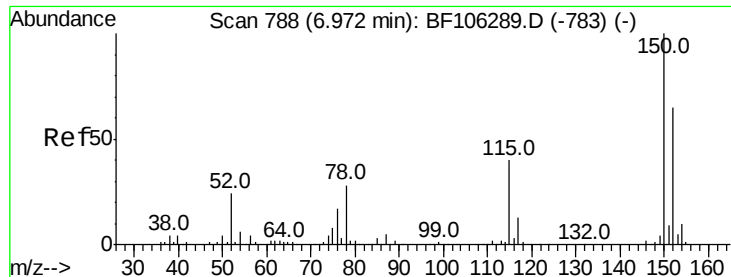
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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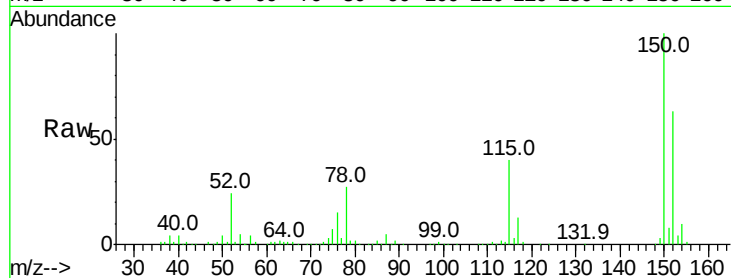


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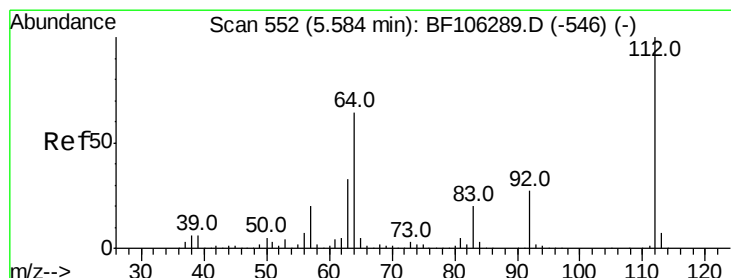
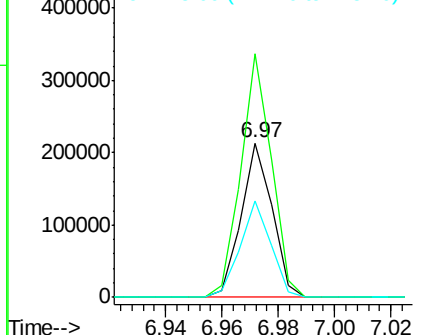
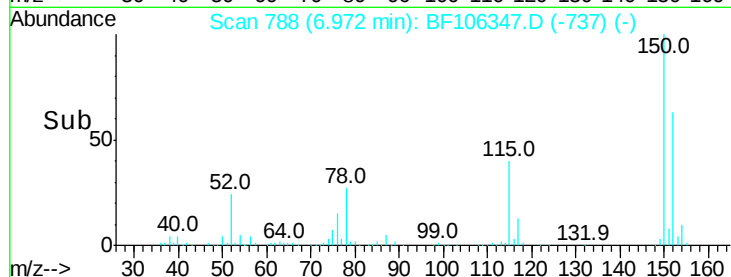
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162794
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 62.7 50.1 75.1



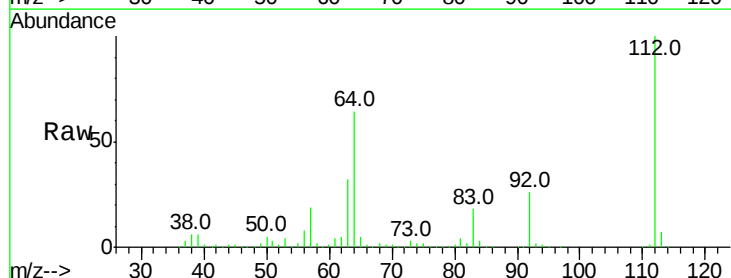
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



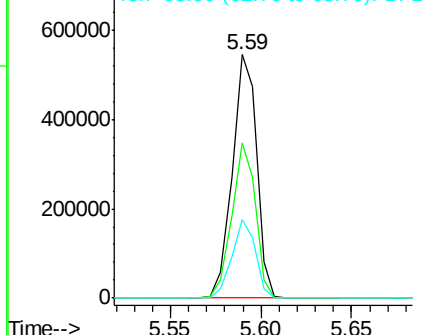
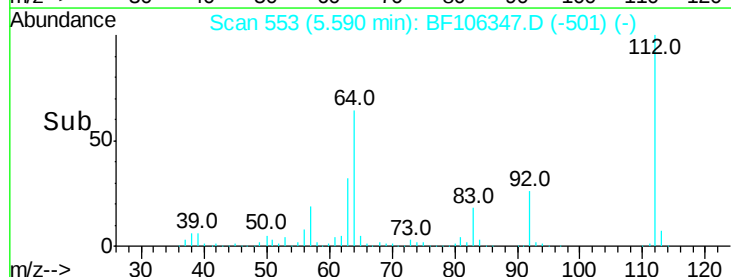
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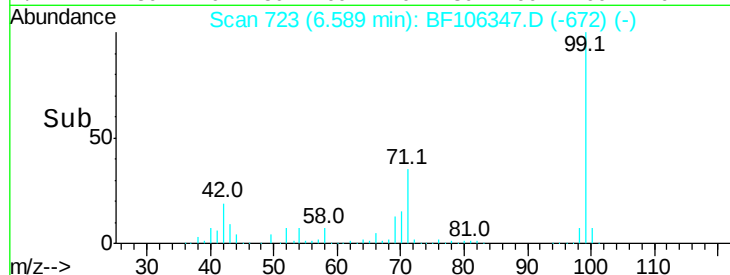
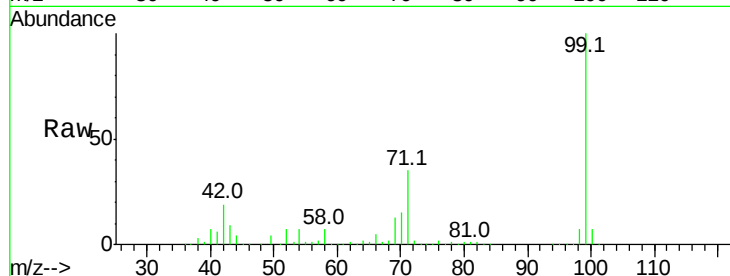
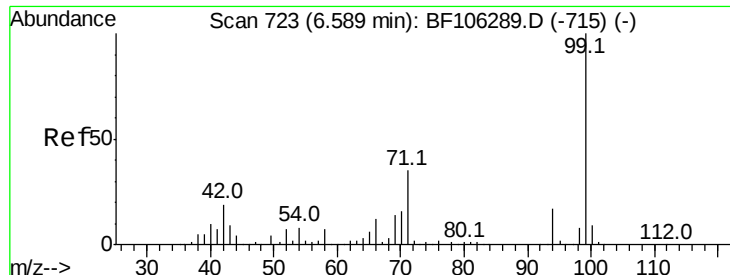
2-Fluorophenol
Concen: 52.778 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Tgt Ion:112 Resp: 507651
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

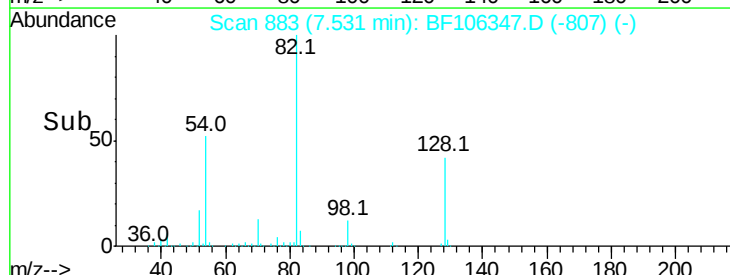
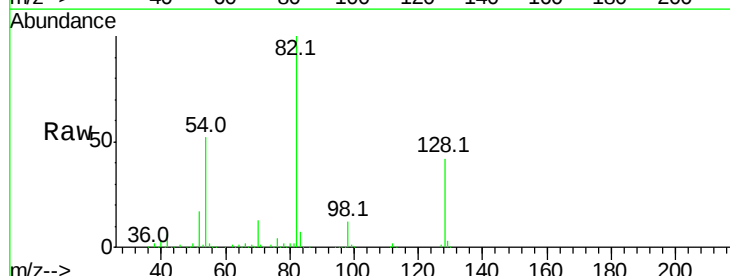
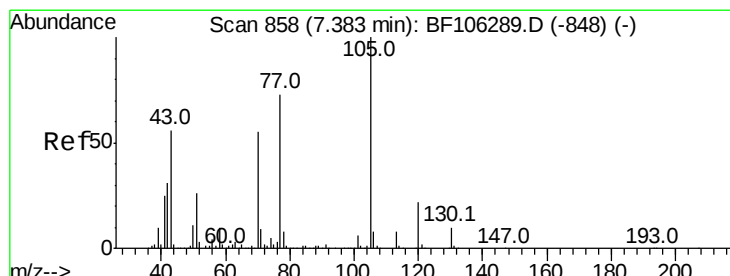
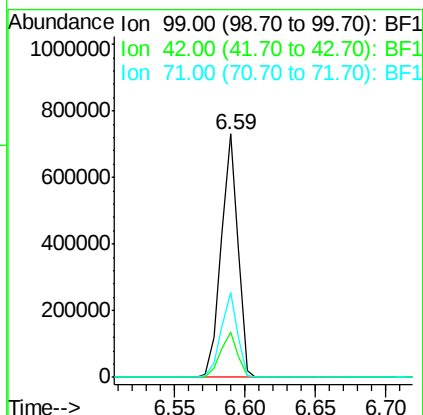




#7
 Phenol-d6
 Concen: 49.526 ng
 RT: 6.59 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF106347.D
 Acq: 12 Jun 2018 16:27

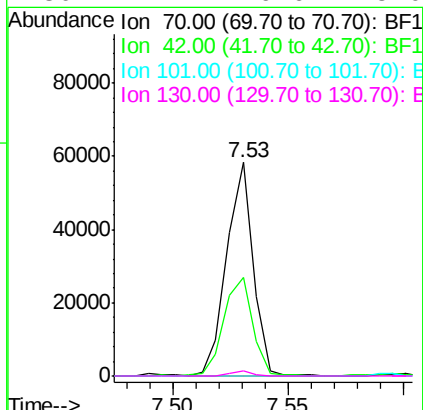
Instrument :
 BNA_F
 ClientSampled :

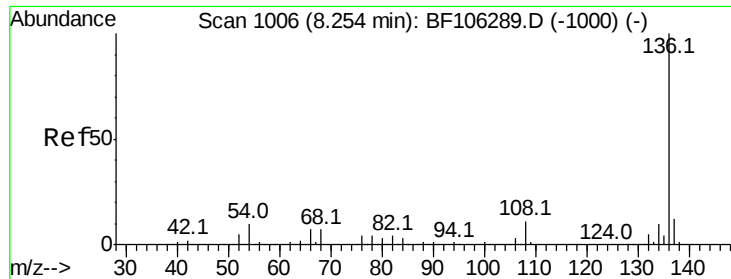
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	34.7	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 5.142 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.15 min
 Lab File: BF106347.D
 Acq: 12 Jun 2018 16:27

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

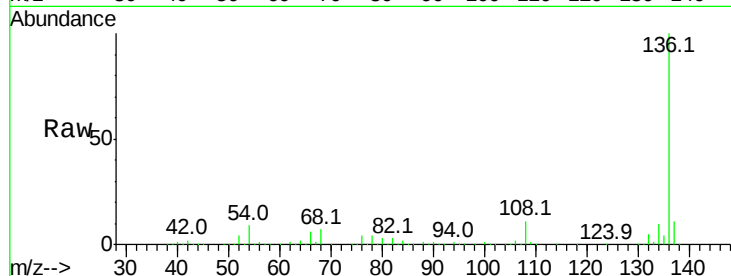




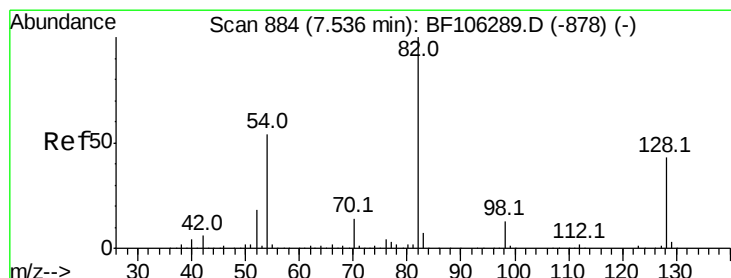
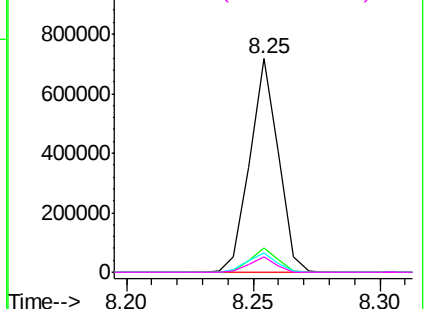
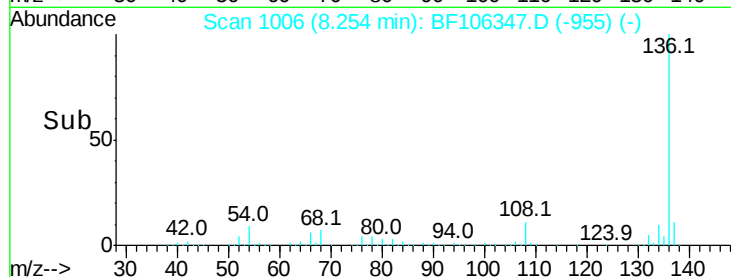
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 561353
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 8.9	6.6 9.8
68 6.9	5.0 7.4

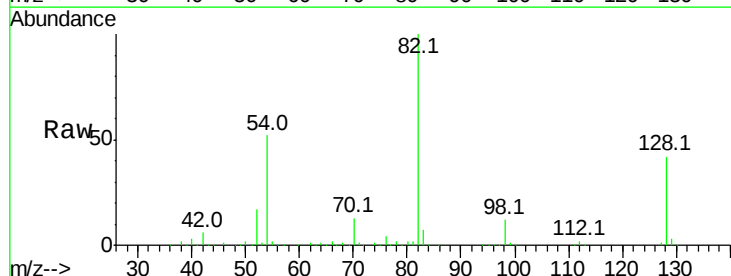


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

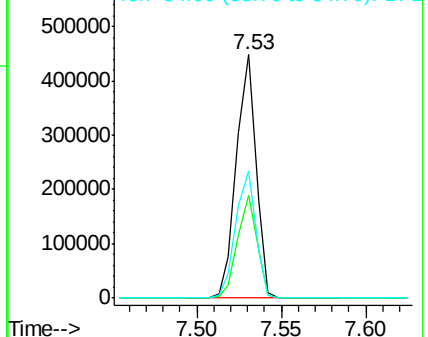
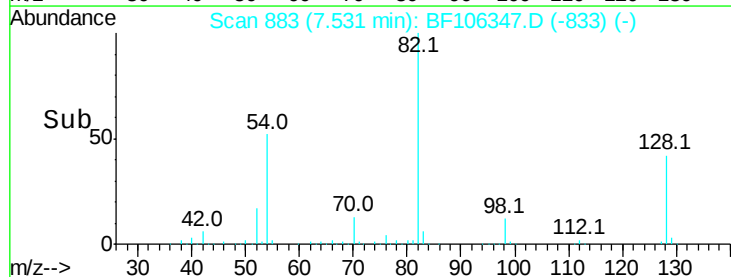


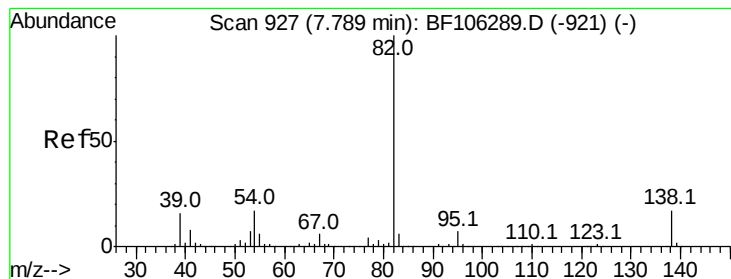
#23
Nitrobenzene-d5
Concen: 38.024 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Tgt Ion	82	Resp: Lower	362828 Upper
	Ratio 100		
128	42.3	36.1	54.1
54	52.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.466 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampled :

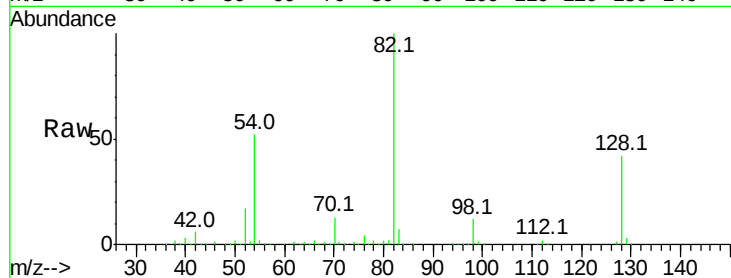
Tot Ion: 82 Resp: 362818

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

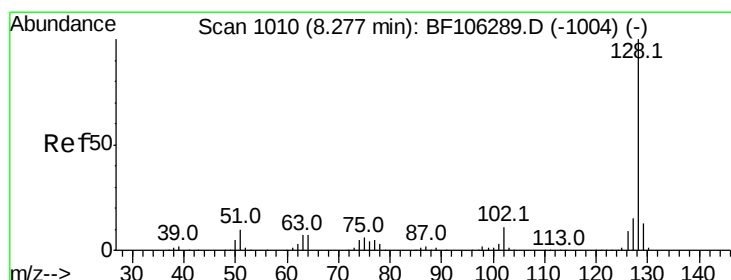
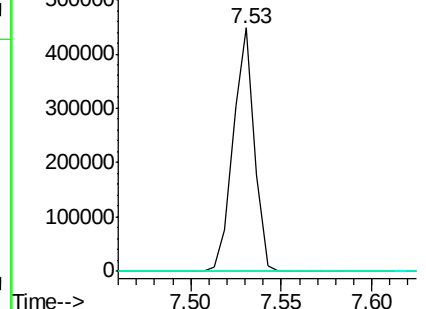
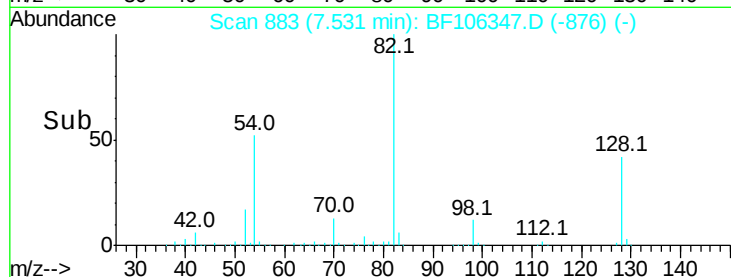
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 4.681 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

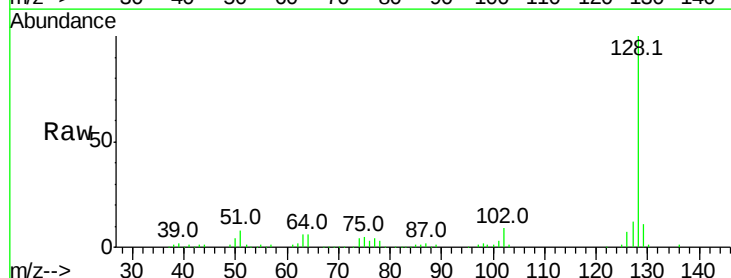
Tgt Ion: 128 Resp: 118781

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

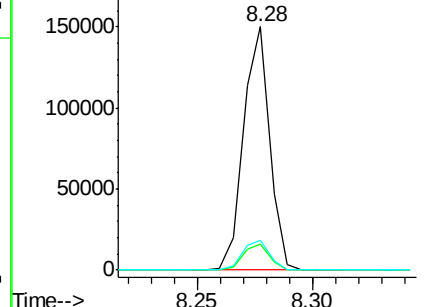
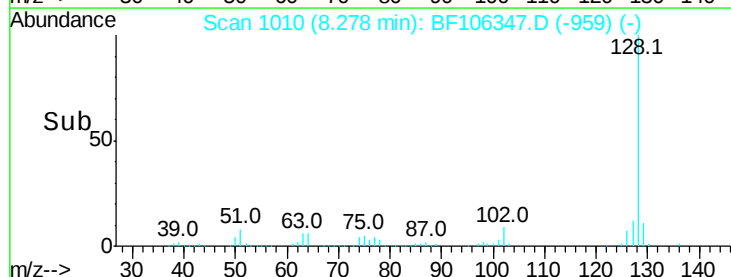
127 12.4 10.9 16.3

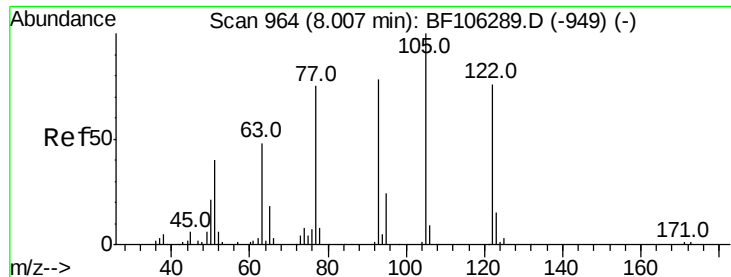


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.332 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.27 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

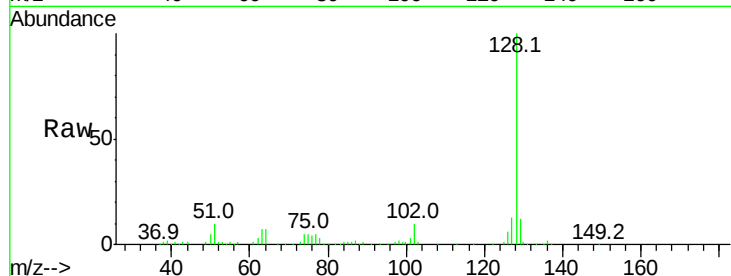
Tot Ion:122 Resp: 293

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

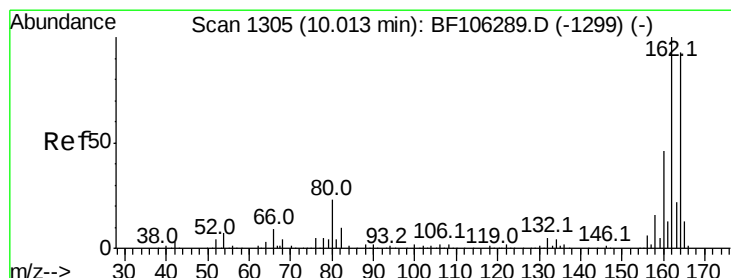
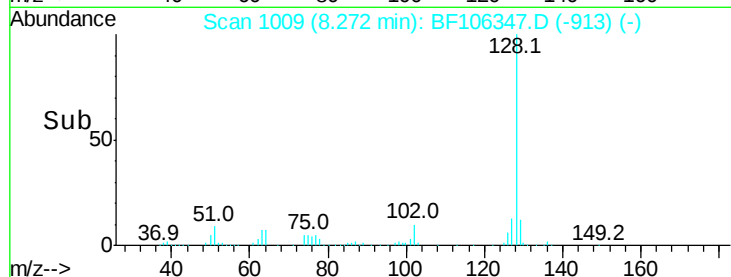
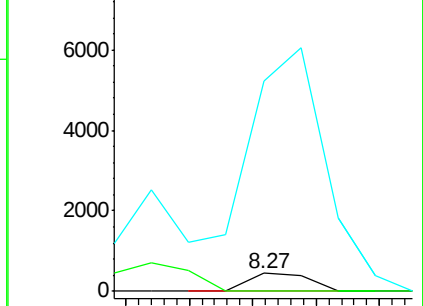
77 1159.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

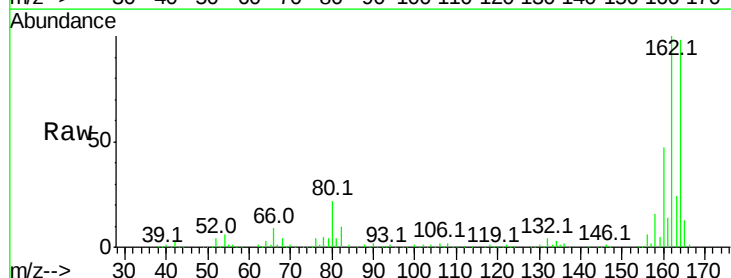
Tgt Ion:164 Resp: 225793

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

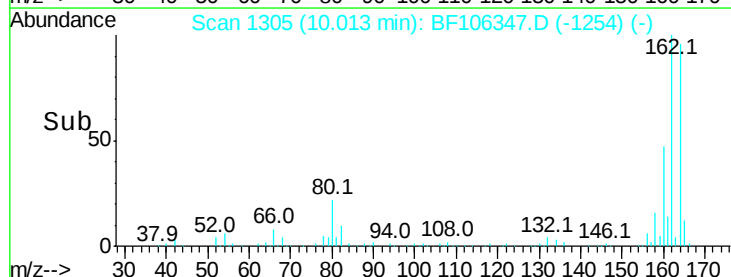
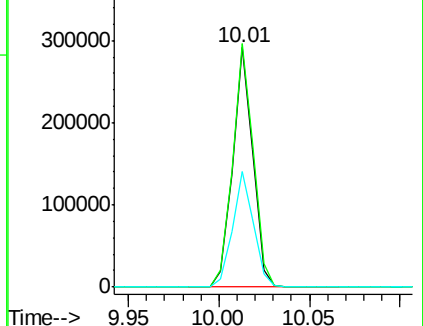
160 48.1 38.3 57.5

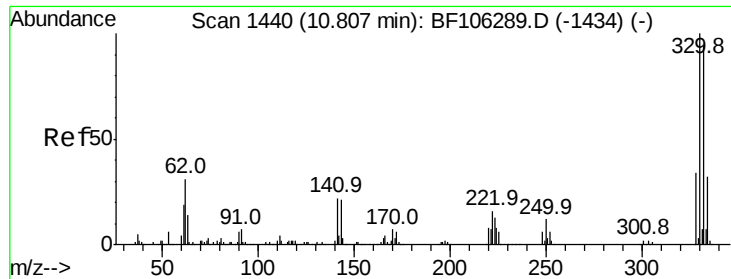


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

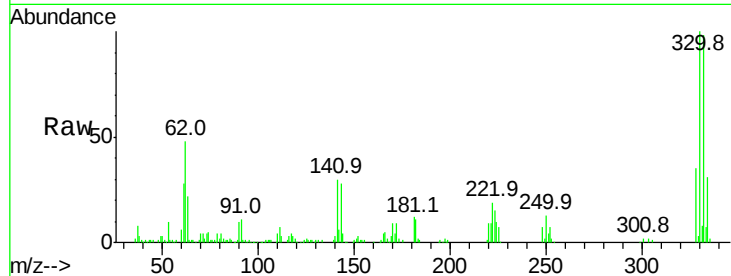




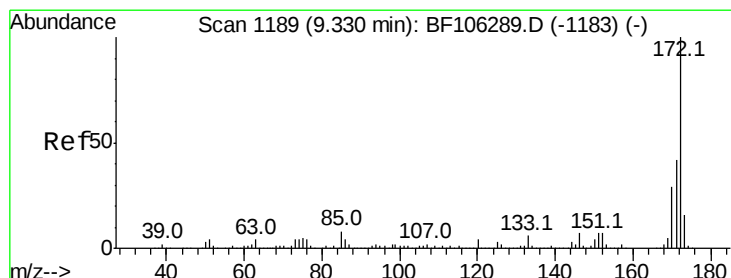
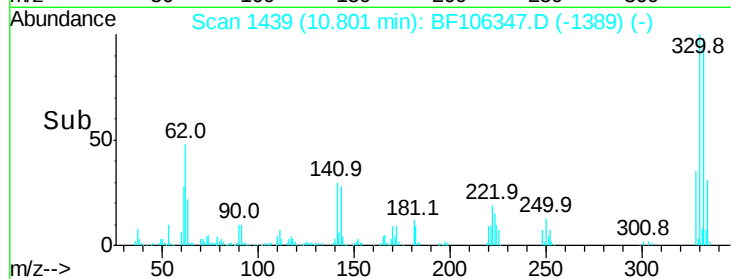
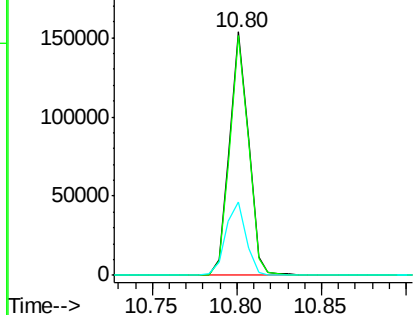
#41
 2,4,6-Tribromophenol
 Concen: 55.292 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106347.D
 Acq: 12 Jun 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.0	29.9	44.9

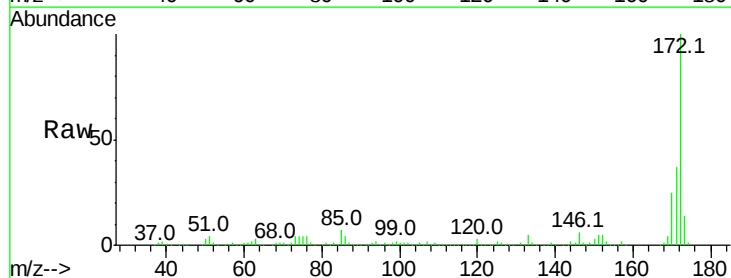


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

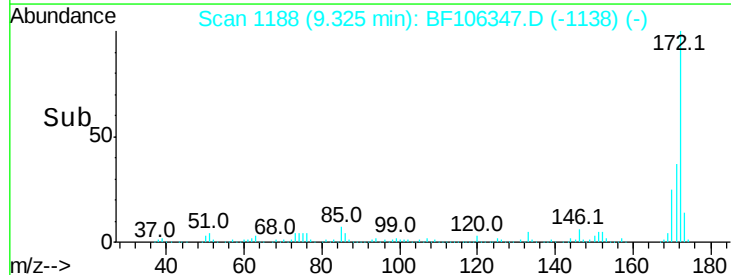
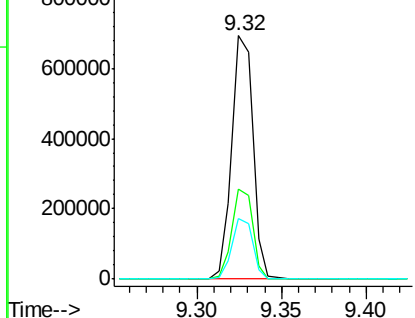


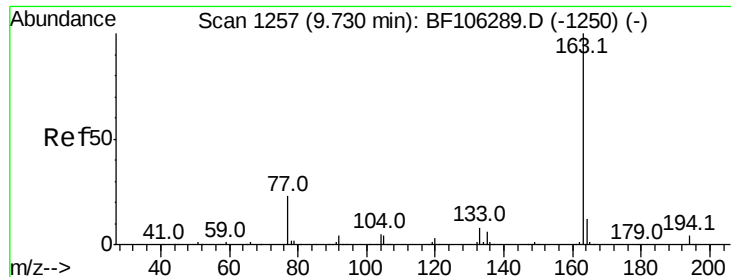
#44
 2-Fluorobiphenyl
 Concen: 38.157 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106347.D
 Acq: 12 Jun 2018 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

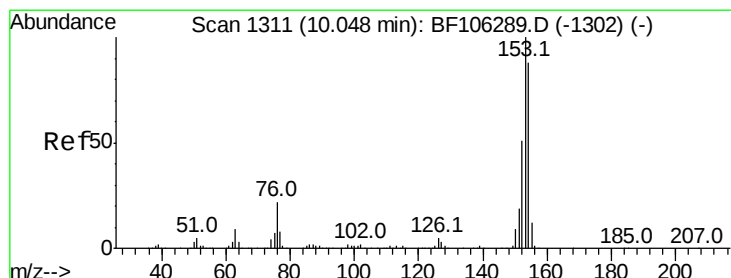
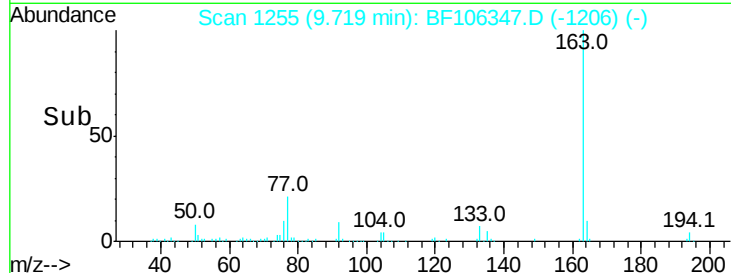
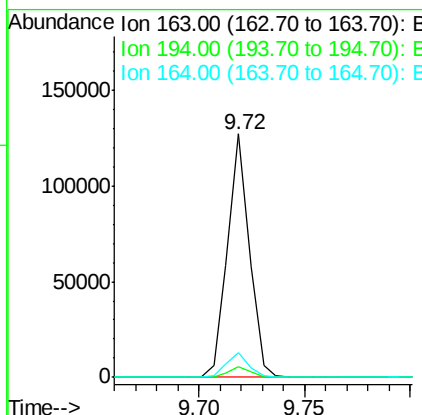
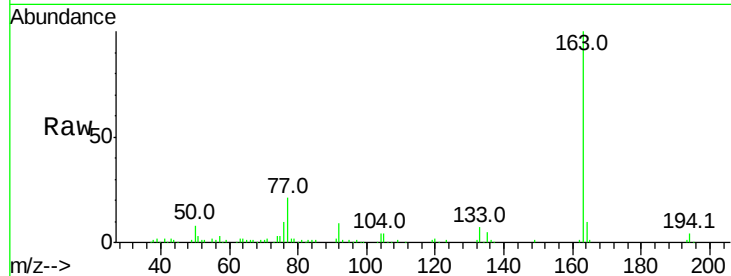




#49
Dimethylphthalate
Concen: 5.662 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

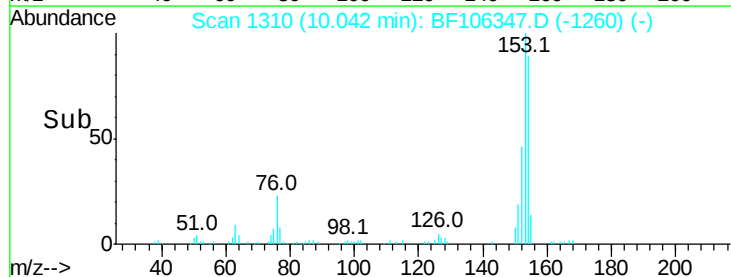
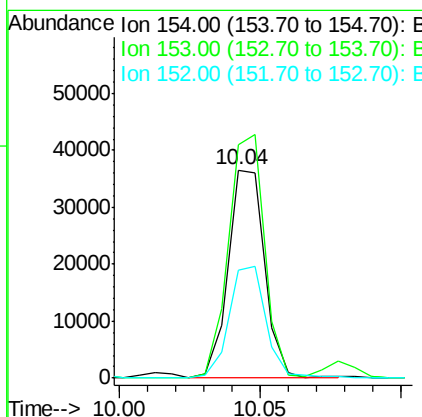
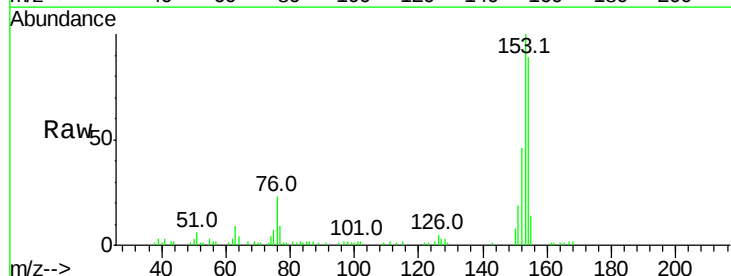
Instrument :
BNA_F
ClientSampleId :

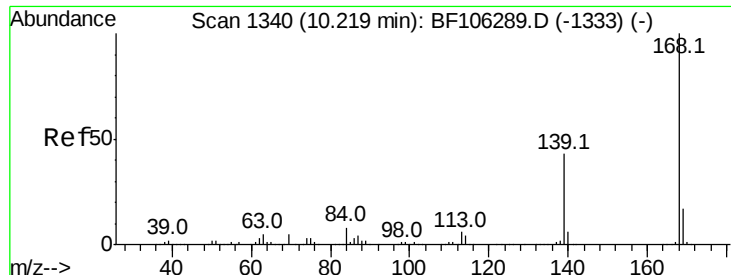
Tot Ion:163 Resp: 91331
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.0 8.2 12.2



#51
Acenaphthene
Concen: 2.367 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Tgt Ion:154 Resp: 32751
Ion Ratio Lower Upper
154 100
153 111.8 91.2 136.8
152 51.7 43.8 65.8





#54

Dibenzenofuran

Concen: 2.312 ng

RT: 10.22 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

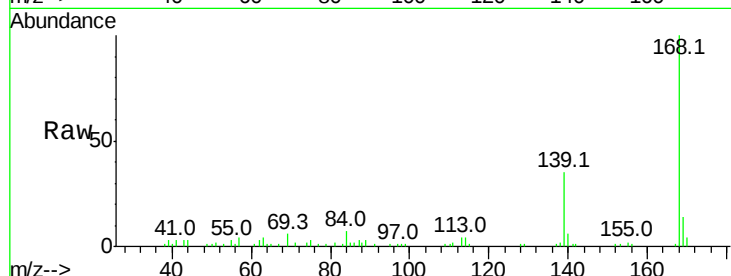
Tot Ion:168 Resp: 43069

Ion Ratio Lower Upper

168 100

139 34.6 30.1 45.1

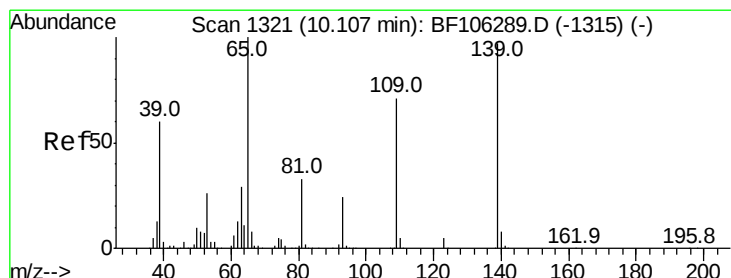
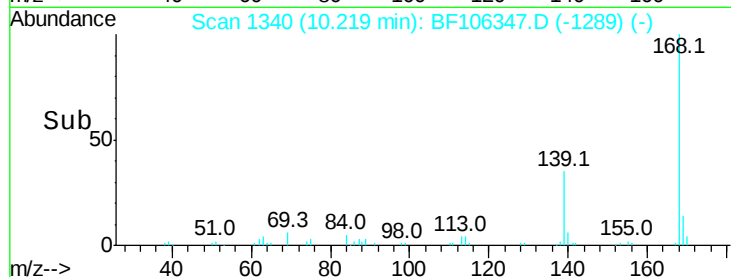
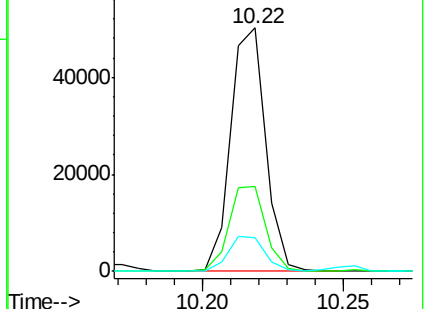
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.253 ng

RT: 10.22 min Scan# 1340

Delta R.T. 0.11 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

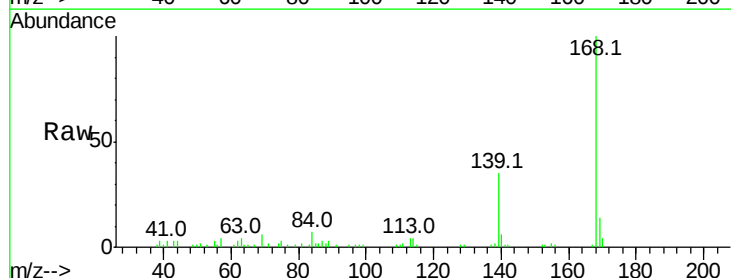
Tgt Ion:139 Resp: 15748

Ion Ratio Lower Upper

139 100

109 2.8 48.4 88.4#

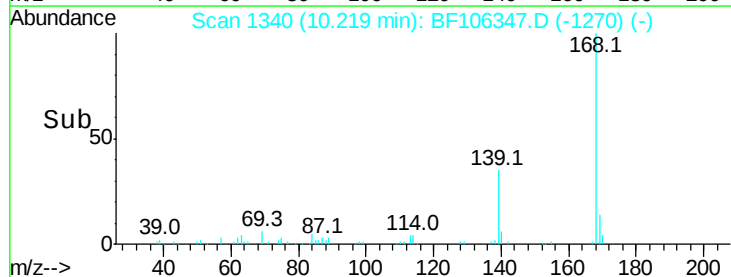
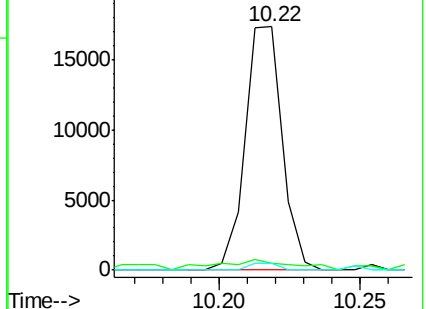
65 3.0 72.6 112.6#

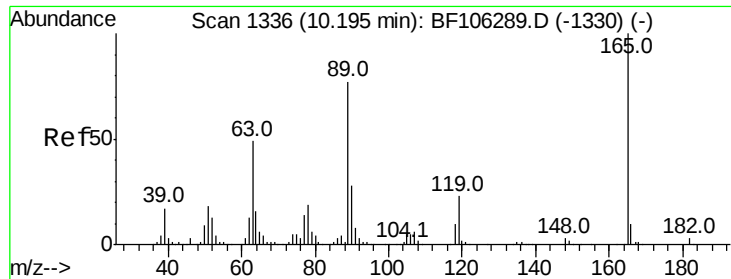


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

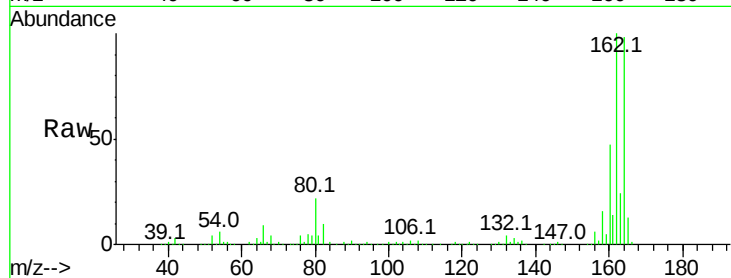




#56
2,4-Dinitrotoluene
Concen: 7.169 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

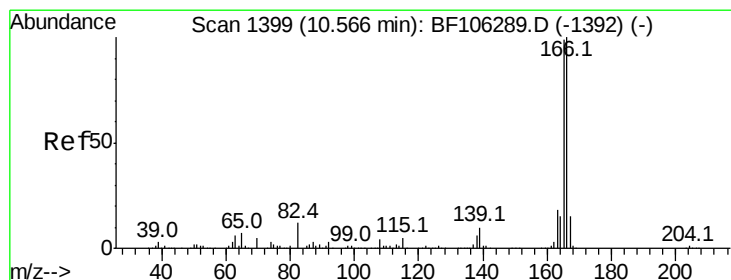
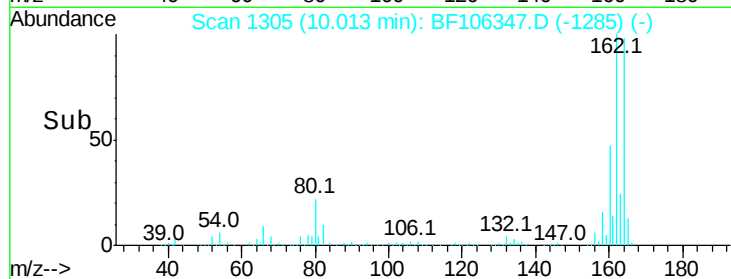
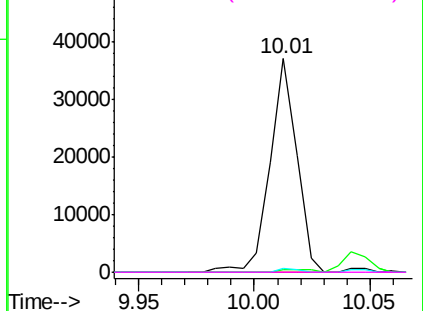


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

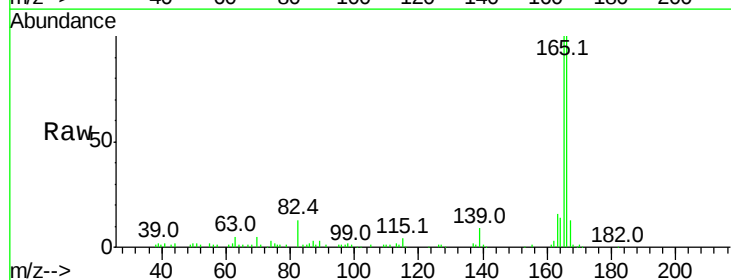
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 4.462 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

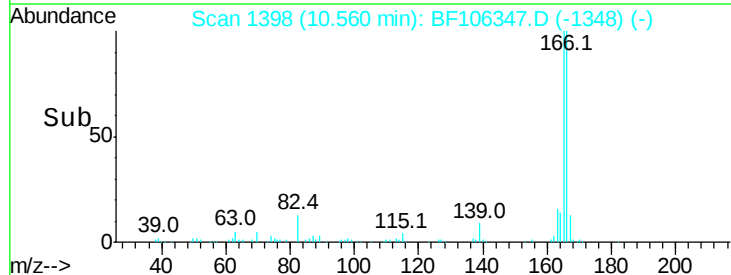
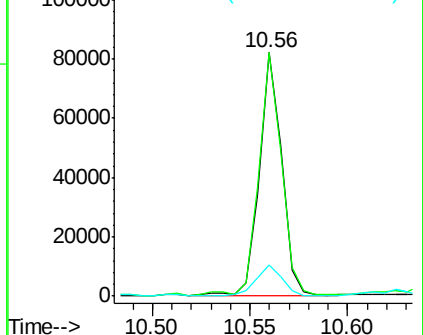
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	12.7	10.6	16.0

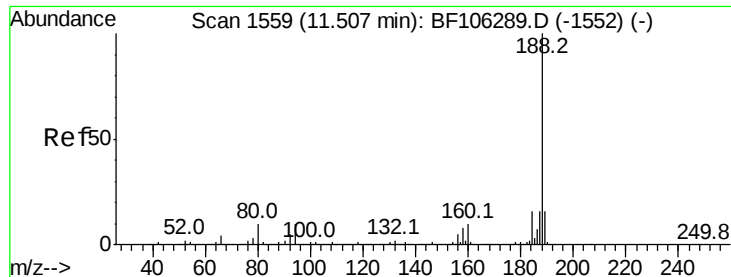


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

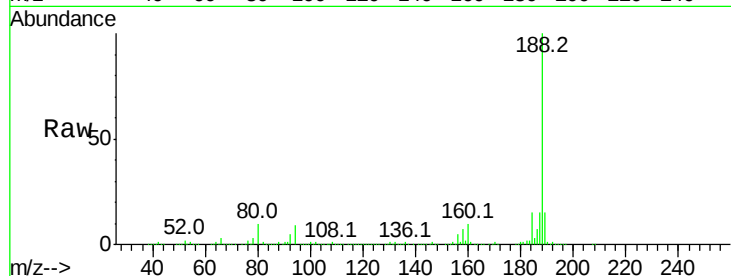
Tot Ion:188 Resp: 444439

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

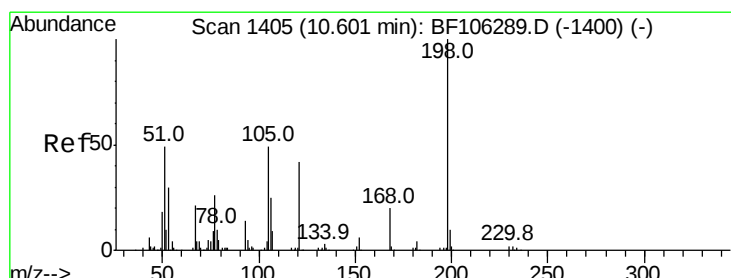
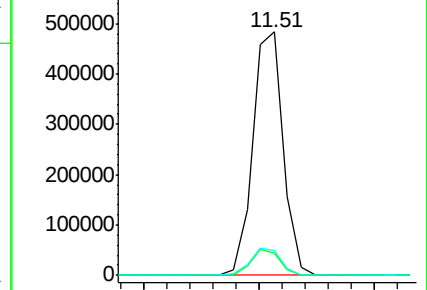
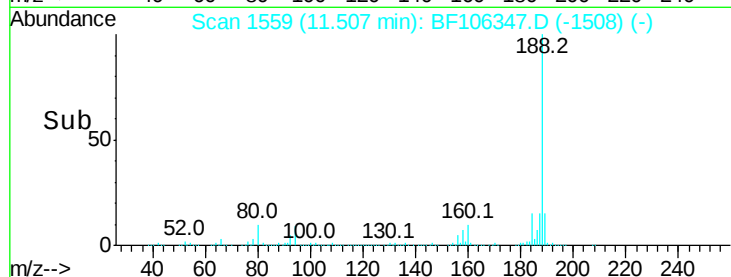
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.350 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

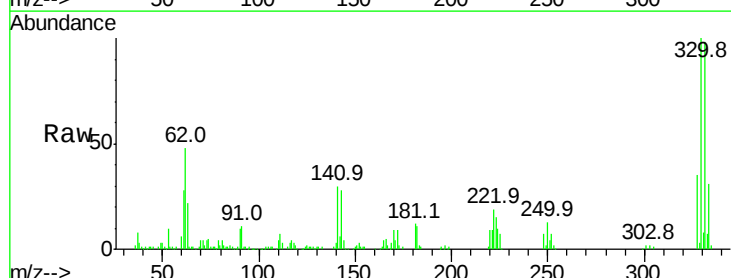
Tgt Ion:198 Resp: 152

Ion Ratio Lower Upper

198 100

51 354.4 37.7 77.7#

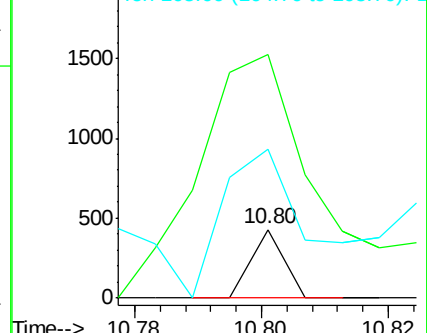
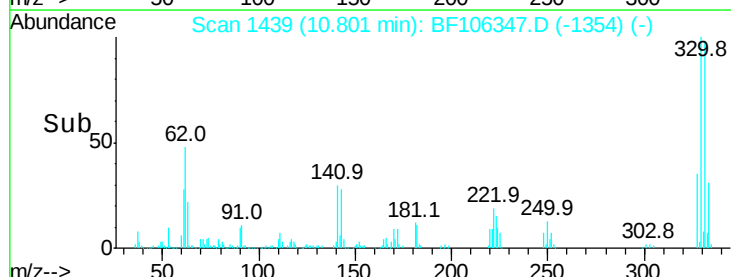
105 216.3 36.3 76.3#

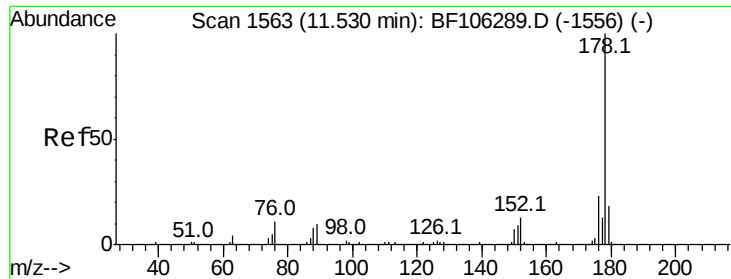


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 31.848 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampled :

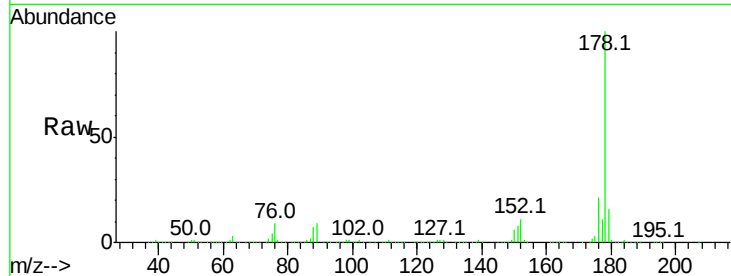
Tot Ion:178 Resp: 693194

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

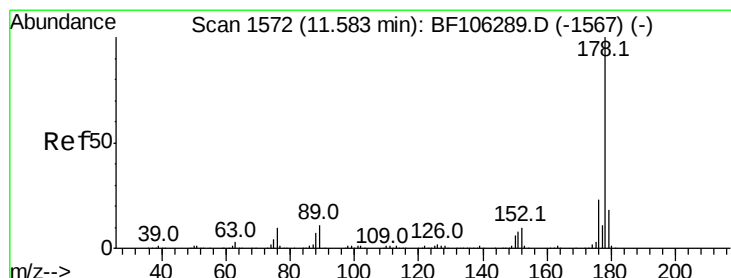
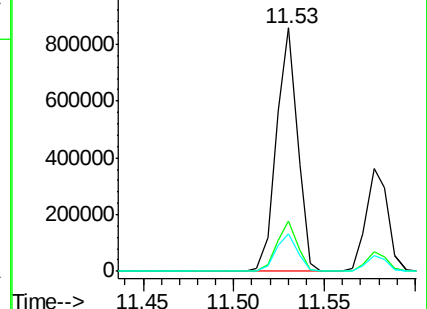
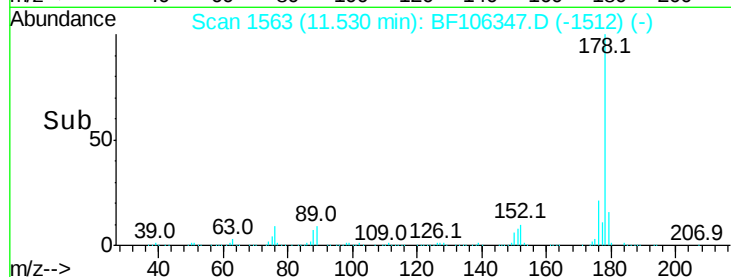
179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 13.753 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

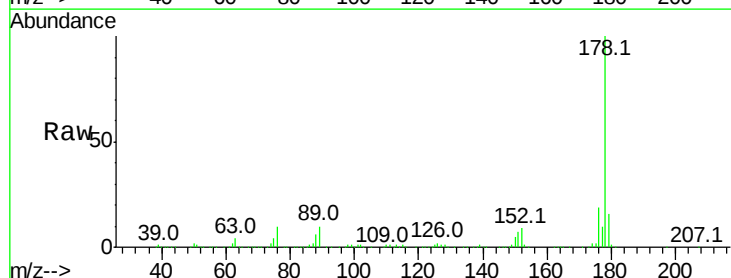
Tgt Ion:178 Resp: 299884

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

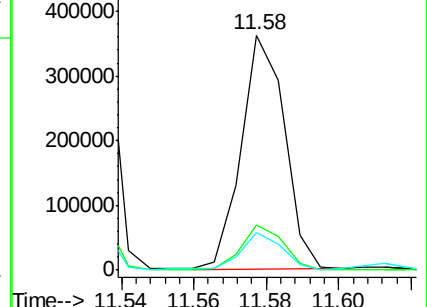
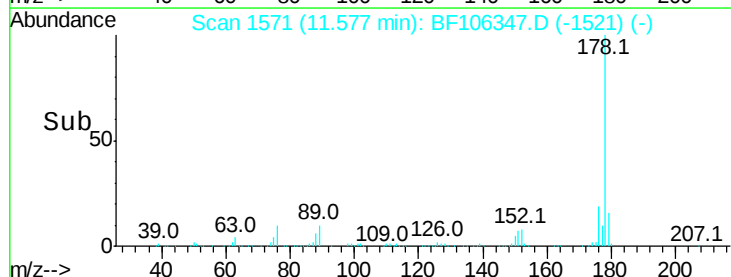
179 15.8 12.6 19.0

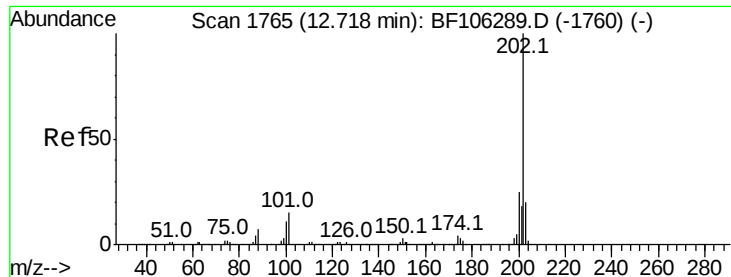


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 54.958 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

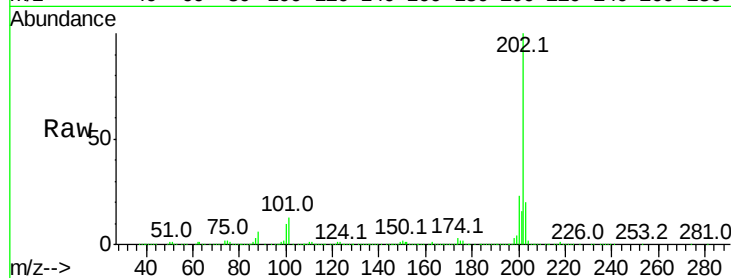
Tot Ion:202 Resp: 1275684

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

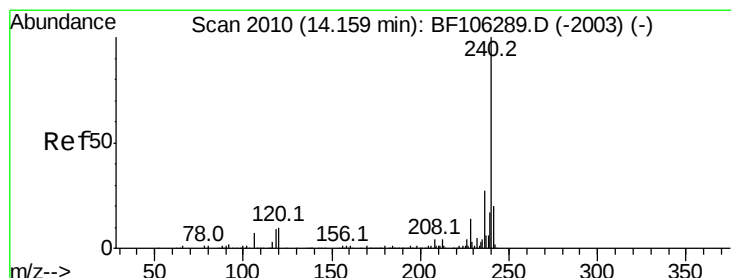
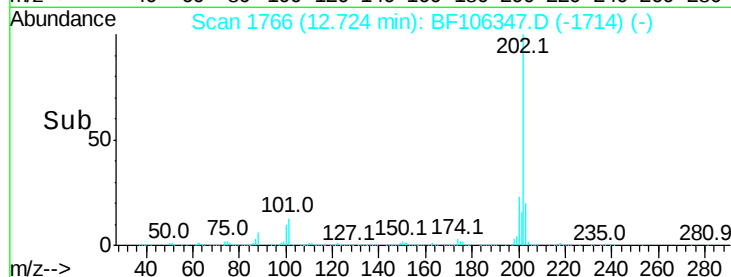
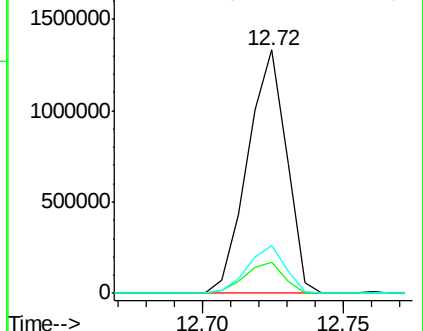
203 19.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

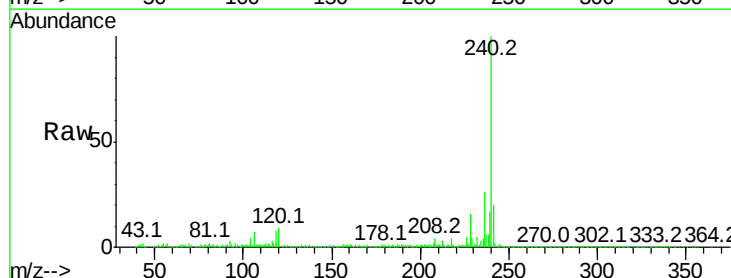
Tgt Ion:240 Resp: 442188

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

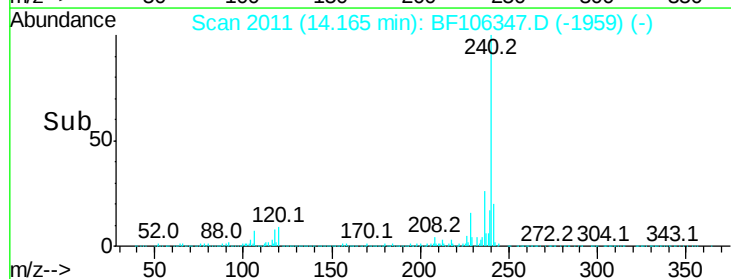
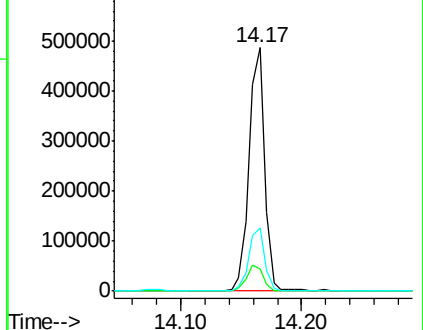
236 26.2 20.7 31.1

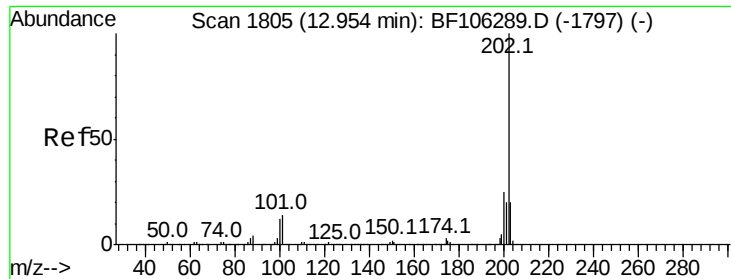


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 40.383 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

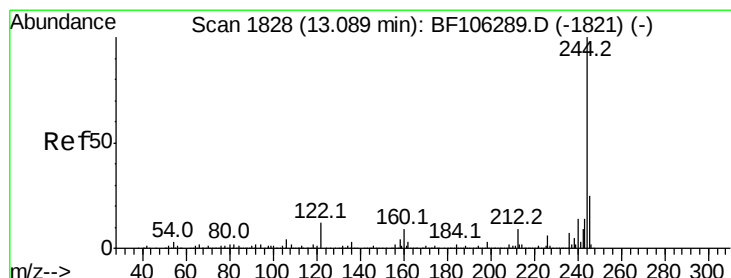
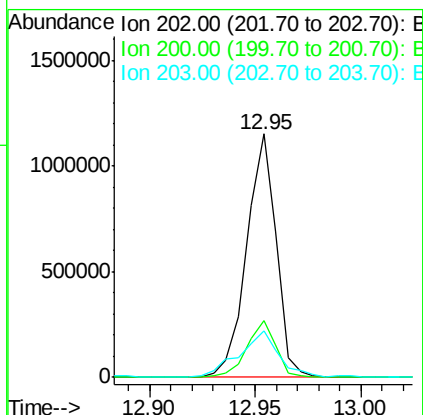
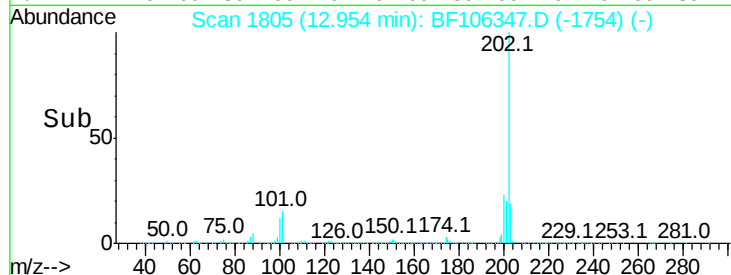
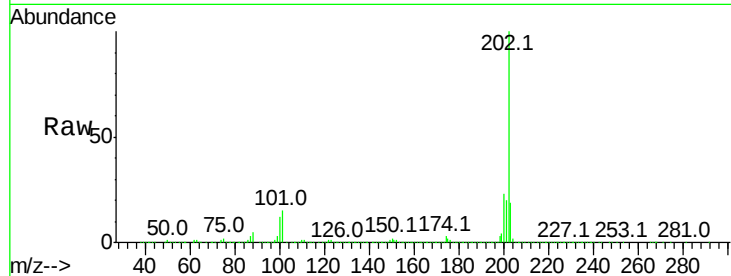
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1117937

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	19.3	14.3	21.5



#78

Terphenyl-d14

Concen: 40.142 ng

RT: 13.09 min Scan# 1828

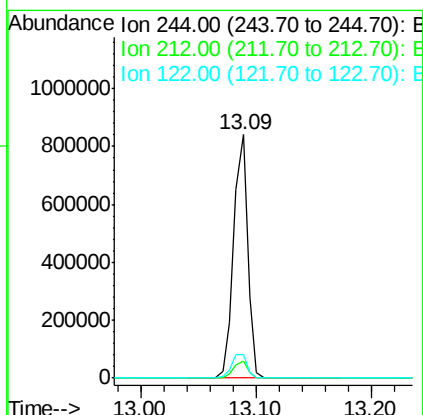
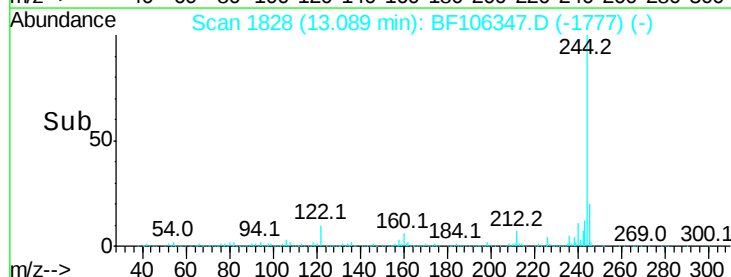
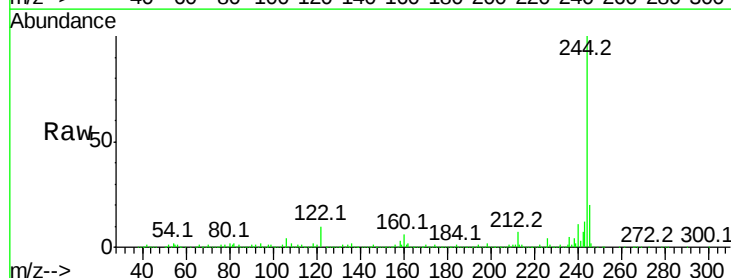
Delta R.T. 0.00 min

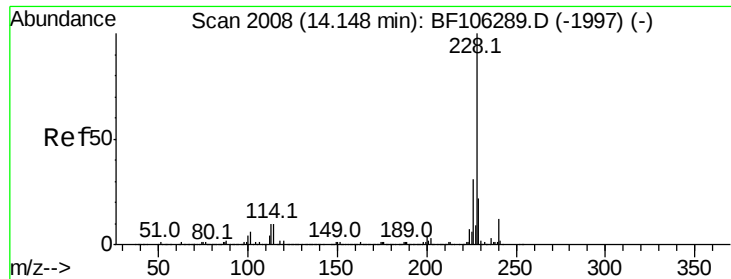
Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Tgt Ion:244 Resp: 714650

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.8	11.0	16.4#





#80

Benzo(a)anthracene

Concen: 22.618 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

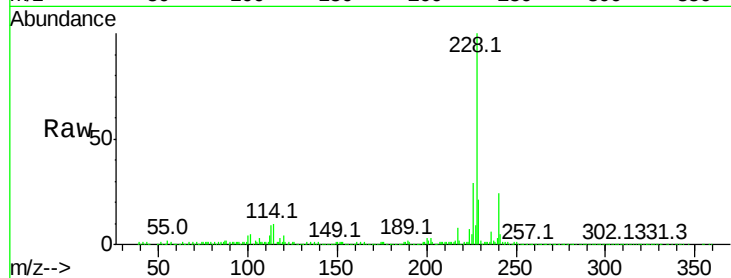
Tot Ion:228 Resp: 595165

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

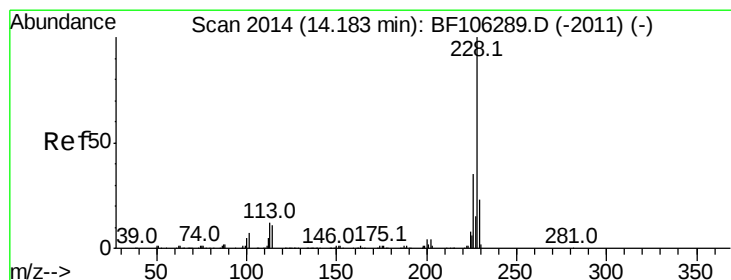
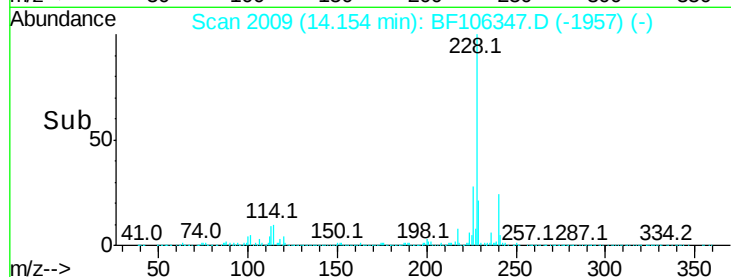
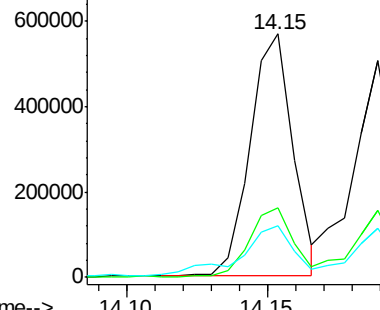
229 21.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 19.485 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

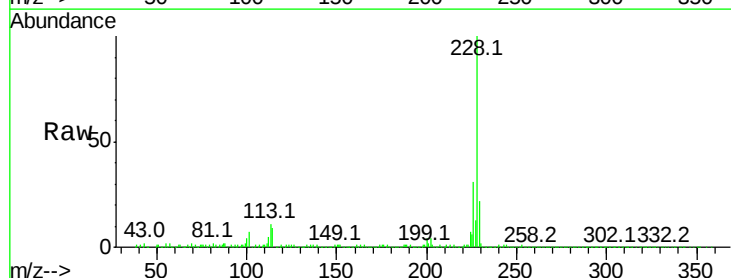
Tgt Ion:228 Resp: 468120

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

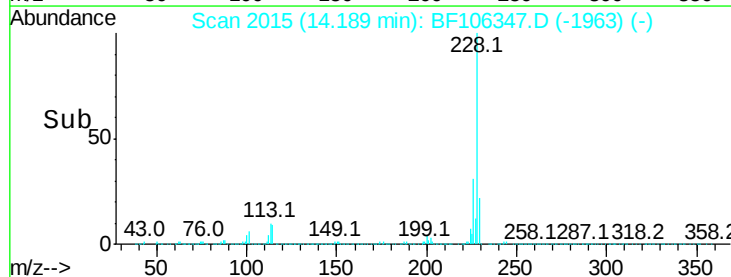
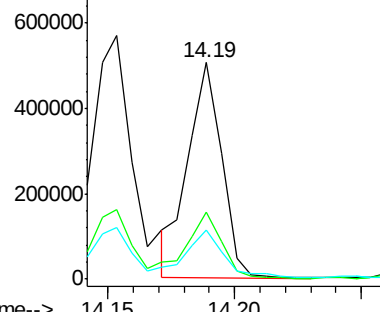
229 22.4 16.2 24.4

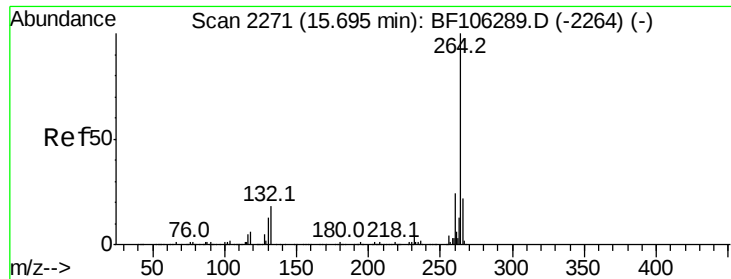


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

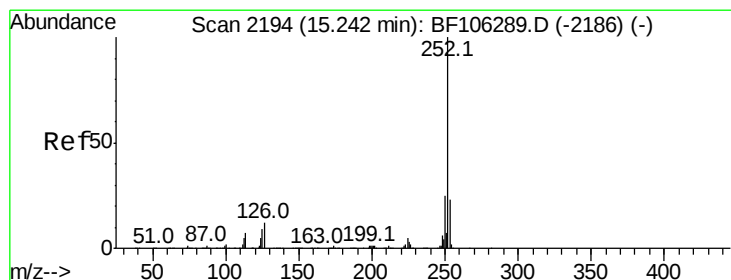
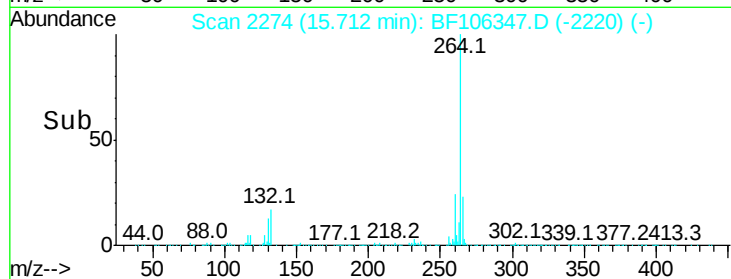
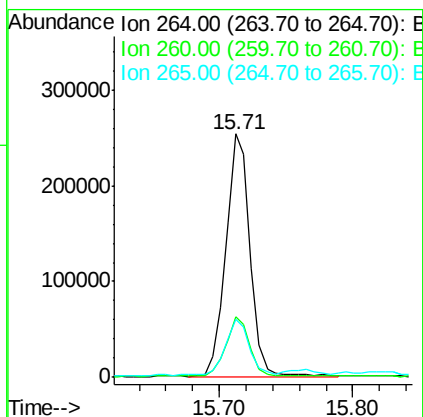
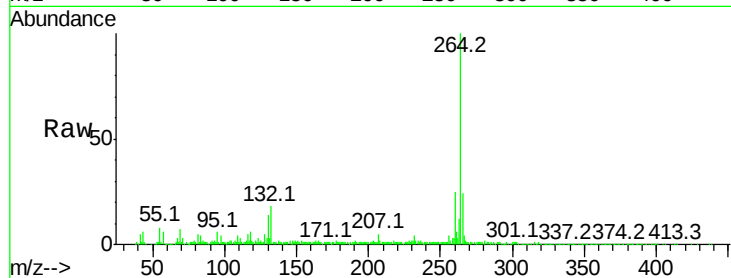




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

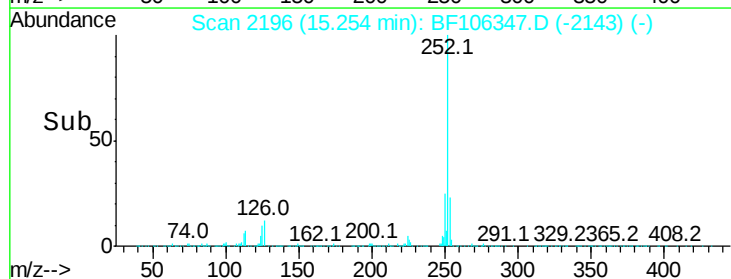
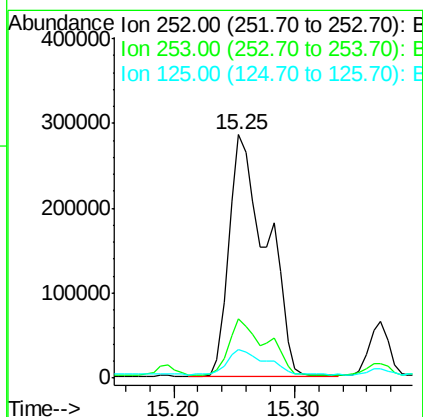
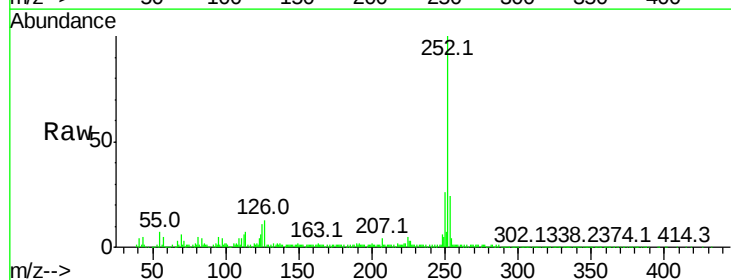
Instrument :
BNA_F
ClientSampleId :

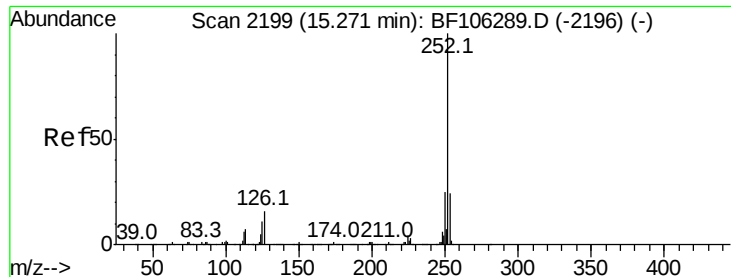
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.6	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 31.712 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF106347.D
Acq: 12 Jun 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	11.5	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 32.020 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

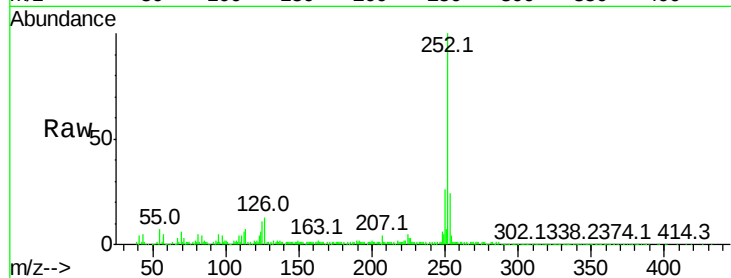
Tot Ion:252 Resp: 617290

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

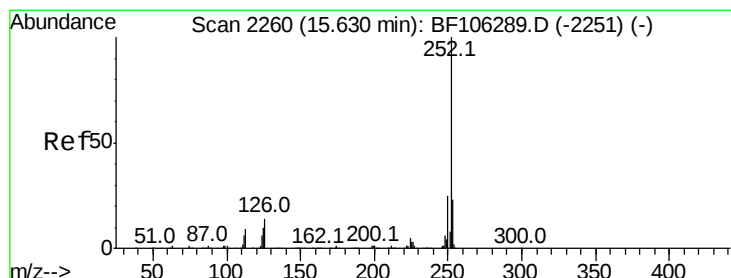
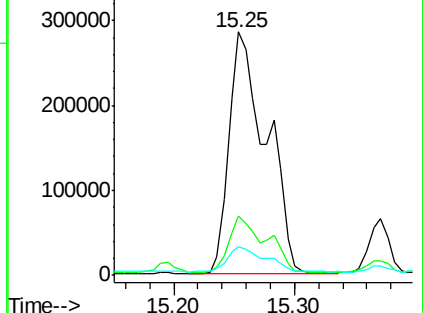
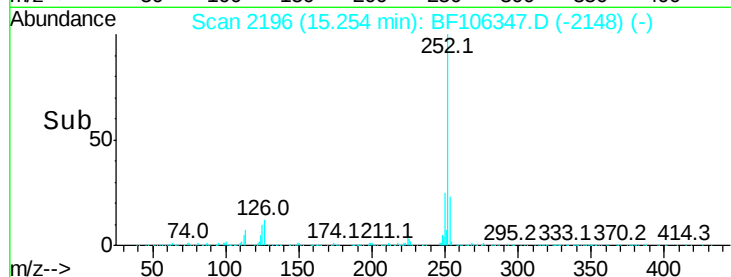
125 11.5 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 18.614 ng

RT: 15.65 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

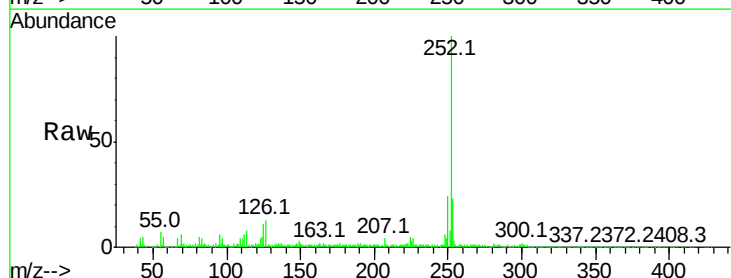
Tgt Ion:252 Resp: 325907

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

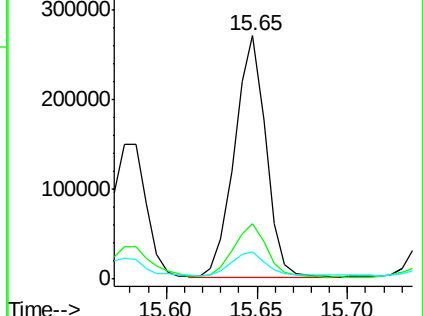
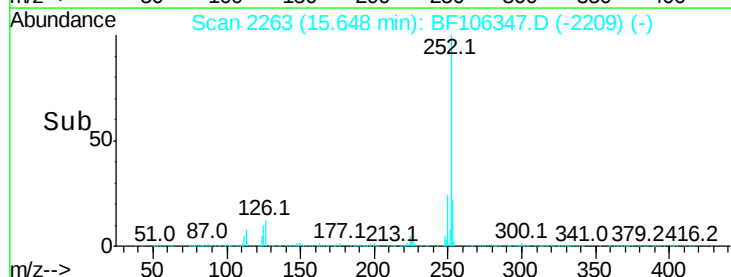
125 11.3 9.8 14.6

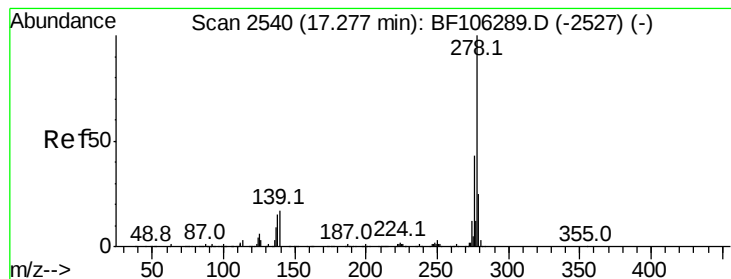


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.595 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.02 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

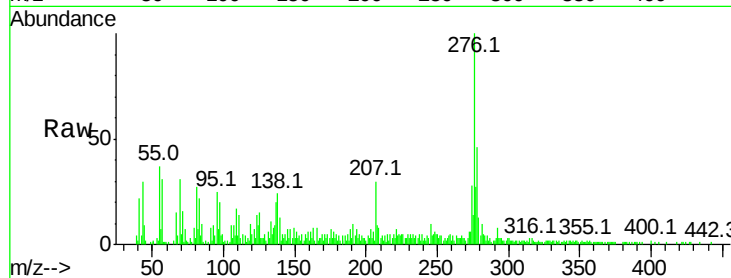
Tot Ion:278 Resp: 37879

Ion Ratio Lower Upper

278 100

139 28.6 15.9 23.9#

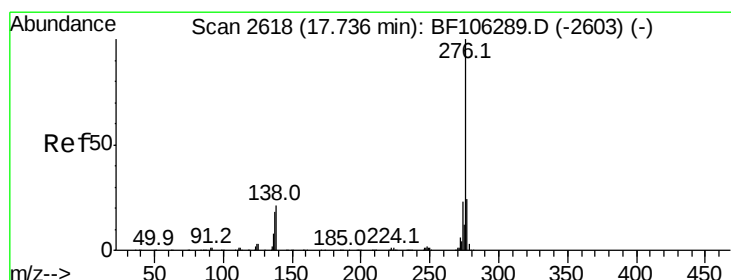
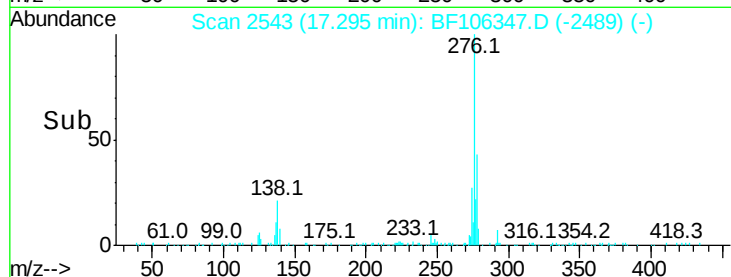
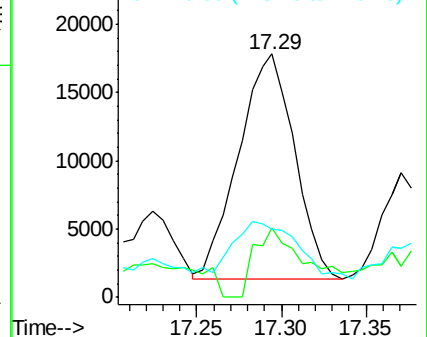
279 27.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.586 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.02 min

Lab File: BF106347.D

Acq: 12 Jun 2018 16:27

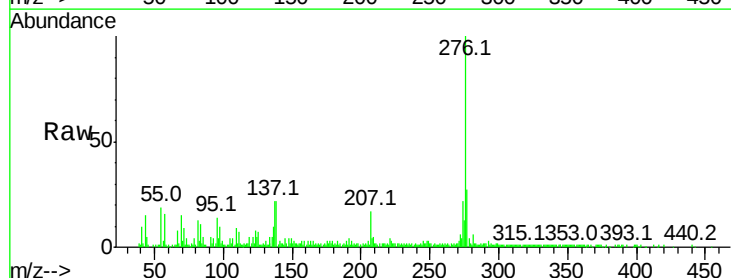
Tgt Ion:276 Resp: 150170

Ion Ratio Lower Upper

276 100

277 26.7 17.9 26.9

138 22.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

